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**To:** Examiner Deborah Crouch  
 USPTO  
 Art Unit: 1632  
 Confirmation No.: 1839

**From:** Xiaochun Zhu, Ph.D.

**Fax:** (571) 273-8300

**Pages:** 66 (including cover sheet)

**Phone:**

**Date:** August 24, 2005

**Re:** Benjamin Reubinoff, et al.  
 U.S. Patent Appln. No. 09/970,543  
 Filed: October 4, 2001  
 Our Docket: 14418Z

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1. Transmittal of Information Disclosure Statement (in dup)
2. Information Disclosure Statement
3. Form PTO-1449
4. Four (4) References
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Applicant(s): Benjamin Reubinoff, et al.

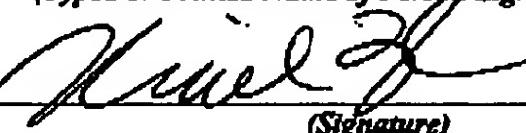
Docket No.

14418Z

Application No.  
09/970,543Filing Date  
October 4, 2001Examiner  
Deborah CrouchGroup Art Unit  
1632

Invention: EMBRYONIC STEM CELLS AND NEURAL PROGENITOR CELLS DERIVED THEREFROM

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(Under 37 CFR 1.97(d))**
**Docket No.  
14418Z**
**In Re Application Of: Benjamin Reubinoff, et al.**

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
09/970,543	October 4, 2001	Deborah Crouch	23389	1632	1839

**Title: EMBRYONIC STEM CELLS AND NEURAL PROGENITOR CELLS DERIVED THEREFROM**

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The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(c), and on or before payment of the issue fee, and is accompanied by the Statement as specified in 37 CFR 1.97(e) and the fee set forth in 37 CFR 1.17(p).

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Xiaochun Zhu

Registration No. 56,311

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Dated: August 24, 2005

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Applicants:** Benjamin Reubinoff, et al.      **Examiner:** Deborah Crouch  
**Serial No.:** 09/970,543      **Art Unit:** 1632  
**Filed:** October 4, 2001      **Docket:** 14418Z  
**For:** EMBRYONIC STEM CELLS AND  
NEURAL PROGENITOR CELLS  
DERIVED THEREFROM      **Dated:** August 24, 2005

**Confirmation No.:** 1839

Commissioner for Patents  
P.O. Box 1450  
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**INFORMATION DISCLOSURE STATEMENT**

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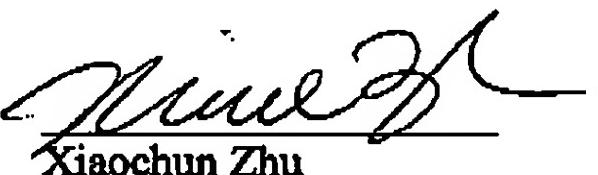
In accordance with 37 C.F.R. §§ 1.97 and 1.98, it is requested that the following references, which are also listed on the attached Form PTO-1449, be made of record in the above-identified case.

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**CERTIFICATION OF FACSIMILE TRANSMISSION**

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Dated: August 24, 2005

  
Xiaochun Zhu

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1. M. J. Shambott, et al., "Derivation of pluripotent stem cells from cultured human primordial germ cells", Proc. Natl. Acad. Sci. USA, 95: 13726-13731 (1998);
2. Sang-Hun Lee, et al., "Efficient generation of midbrain and hindbrain neurons from mouse embryonic stem cells", Nature Biotechnology, 18: 675-679 (2000);
3. Diana L. Clarke, et al., "Generalized Potential of Adult Neural Stem Cells", Science, 288: 1660-1663 (2000); and
4. Australian Patent Application No. 2001263199 B2, published November 26, 2001 (which corresponds to International Publication No. WO01/88104).

Applicants are submitting copies of the above-cited references.

The references were cited in an Opposition filed on August 3, 2005 with the Australian Patent Office in the corresponding Australian Patent Application No. 779694.

The following references were also cited in the Opposition, but were either already cited by the Examiner in the Office Action dated March 5, 2004, or already submitted in the Information Disclosure Statement dated April 29, 2004 or the Information Disclosure Statement dated December 18, 2003, and therefore copies are not provided:

M. Li, et al., "Generation of Purified Neural Precursors from Embryonic Stem Cells by Lineage Selection", Current Biology, 8(17): 971-974 (1998); T. Mujtaba, et al., "Lineage-Restricted Neural Precursors Can Be Isolated from Both the Mouse Neural Tube and Cultured ES Cells", Developmental Biology, 214: 113-127 (1999); O. Brustle, et al. "Embryonic stem cell-derived glial precursors: A source of myelinating transplants" Science, 285: 754-756 (1999); Australian Patent Application No. 25106/99, published July 12, 1999 (which corresponds to International Publication No. WO 99/32606); and B. E. Reubinoff, et al. "Embryonic stem cell lines from human blastocysts: somatic differentiation in vitro" Nature Biotech. 18: 399-404 (2000).

The undersigned attorney hereby states that each item of References Nos. 1-4 was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

Consideration of this Information Disclosure Statement is respectfully requested, since the art provided may be material to the examination of the present application as defined under 37 C.F.R. §1.56.

This Information Disclosure Statement is being submitted in accordance with the schedule set out in 37 C.F.R. § 1.97(d)(1)(2) and statement under 37 C.F.R. §1.97(e)(1). The Commissioner is hereby authorized to charge the fee in the amount of \$180.00 associated with this communication or credit any overpayment to Deposit Account No. 19-1013/SSMP.

Respectfully submitted,



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Sheet 1 of 1

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE (REV. 7-80) PATENT AND TRADEMARK OFFICE <b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>			Atty. Docket No. (Optional)  14418Z		Application Number  09/970,543		
			Applicant(s) Benjamin Reubinoff, et al.				
			Filing Date October 4, 2001	Group Art Unit 1632			
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL*		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (if appropriate)
	AA						
<b>FOREIGN PATENT DOCUMENTS</b>							
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
		2001263199 B2	11/26/01	Australia			YES NO
<b>OTHER DOCUMENTS</b> (Including Author, Title, Date, Pertinent Pages, Etc.)							
		M. J. Shambrott, et al., "Derivation of pluripotent stem cells from cultured human primordial germ cells", <u>Proc. Natl. Acad. Sci. USA</u> , <u>95</u> : 13726-13731 (1998)					
		Sang-Hun Lee, et al., "Efficient generation of midbrain and hindbrain neurons from mouse embryonic stem cells", <u>Nature Biotechnology</u> , <u>18</u> : 675-679 (2000)					
		Diana L. Clarke, et al., "Generalized Potential of Adult Neural Stem Cells, <u>Science</u> , <u>288</u> : 1660-1663 (2000)					
EXAMINER			DATE CONSIDERED				
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